MVC-FD73

SONY

SERVICE MANUAL

1999. 05

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Chinese Model
Hong Kong Model
Brazilian Model
Tourist Model

SUPPLEMENT-1

File this supplement-1 with your service manual.

Subject : ADDITION FOR LIQUID CRYSTAL INDICATOR MODULE (SHARP MADE) AND ACCESSORY PART (BUNDLE SOFT)

(99-002)

SECTION 4
PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

4-1. PRINTED WIRING BOARD AND SCHEMATIC DIAGRAMS

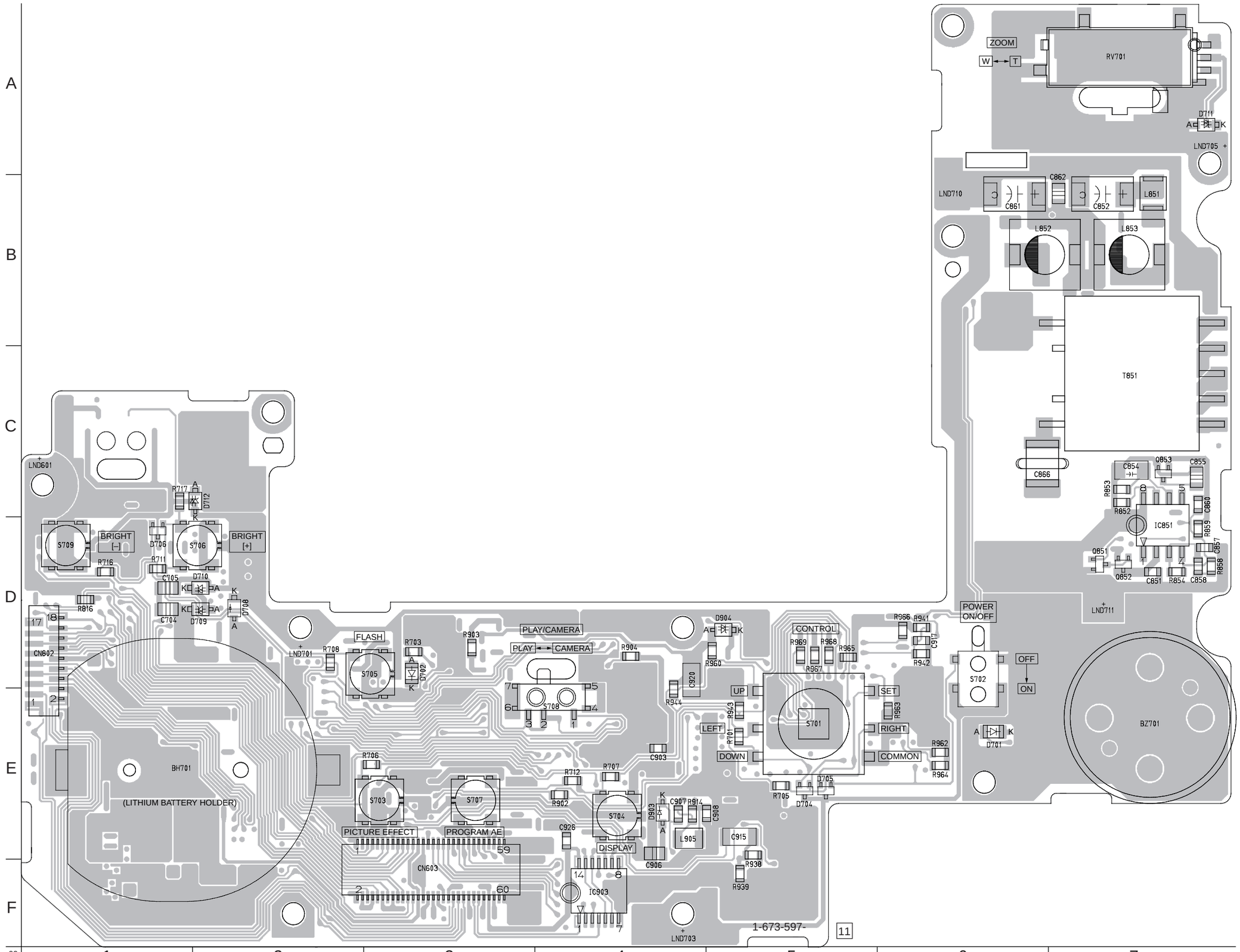
PK-46 BOARD (SIDE A)

	BH701	E-1
	BZ701	E-7
	C704	D-1
	C705	D-1
	C851	D-7
(S)	C852	B-7
	C854	C-7
	C855	C-7
	C857	D-7
	C858	D-7
	C860	C-7
	C861	B-6
	C862	B-7
	C866	C-6
	C903	E-4
	C906	E-4
	C907	E-4
	C908	E-4
	C915	E-5
(S)	C917	D-6
	C920	D-4
	C926	E-4
	CN603	F-3
	CN802	D-1
	D701	E-6
	D702	D-3
	D704	E-5
	D705	E-5
	D706	D-1
	D708	D-2
	D709	D-2
	D710	D-2
	D711	A-7
	D712	C-2
	D903	E-4
	D904	D-5
	IC851	D-7
	IC903	F-4
	L851	B-7
	L852	B-6
	L853	B-7
	L905	E-4
	Q851	D-7
	Q852	D-7
	Q853	C-7
	R701	E-5
	R703	D-3
	R705	E-5
	R706	E-3
	R707	E-4
	R708	D-2
	R711	D-1
	R712	E-4
	R716	D-1
	R717	C-1
	R816	D-1
	R852	C-7
	R853	C-7
	R854	D-7
	R858	D-7
	R859	D-7
(C)	R902	E-4
(S)	R903	D-3
	R904	D-4
(S)	R914	E-4
	R938	E-5
	R939	F-5
(S)	R941	D-6
	R942	D-6
(S)	R943	E-5
(S)	R944	D-4
(S)	R960	D-5
(C)	R962	E-6
(C)	R963	E-6
(S)	R964	E-6
(S)	R965	D-5
(C)	R966	D-6
(S)	R967	D-5
(S)	R968	D-5
(S)	R969	D-5
	RV701	A-7
	S701	E-5
	S702	D-6
	S703	E-3
	S704	E-4
	S705	D-3
	S706	D-2
	S707	E-3
	S708	E-4
	S709	D-1
	T851	C-7

Note: (C) mark is CASIO made LCD panel model only.
(S) mark is SHARP made LCD panel model only.

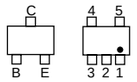
PK-46 (FDD INTERFACE, RGB DECODER, LCD TIMING GENERATOR, MODE KEY SWITCH, BACK LIGHT) PRINTED WIRING BOARD
— Ref. No.: PK-46 Board; 2,000 Series —

PK-46 BOARD (SIDE A)

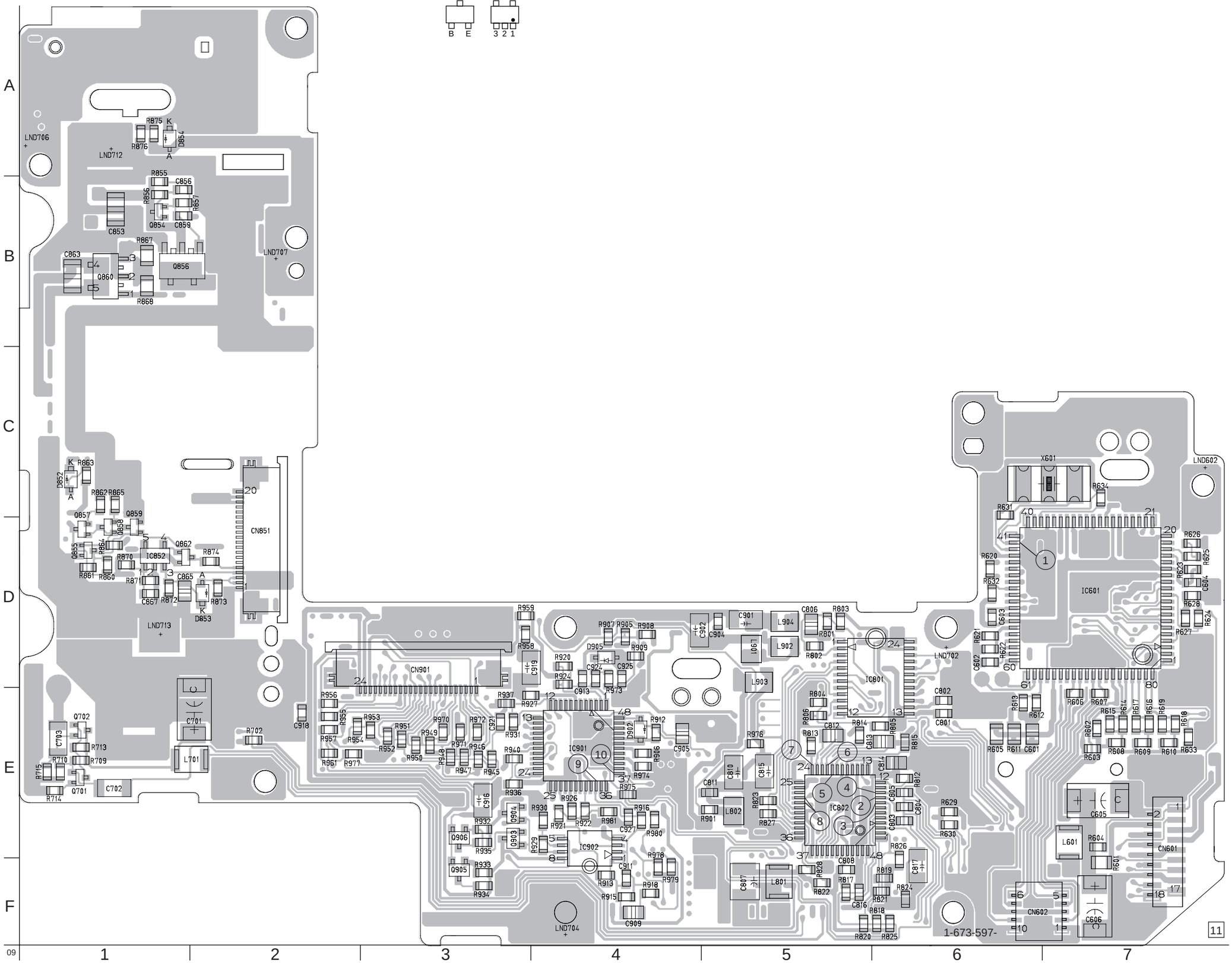


PK-46 BOARD (SIDE B)

- **For printed wiring board.**
- PK-46 board is 4-layer print board. However, the patterns of layers 2 to 3 have not been included in the diagram.
- Chip transistor



There are few cases that the part printed on this diagram isn't mounted in this model.



FDD INTERFACE, RGB DECODER, LCD TIMING GENERATOR, MODE KEY SWITCH, BACK LIGHT
PK-46

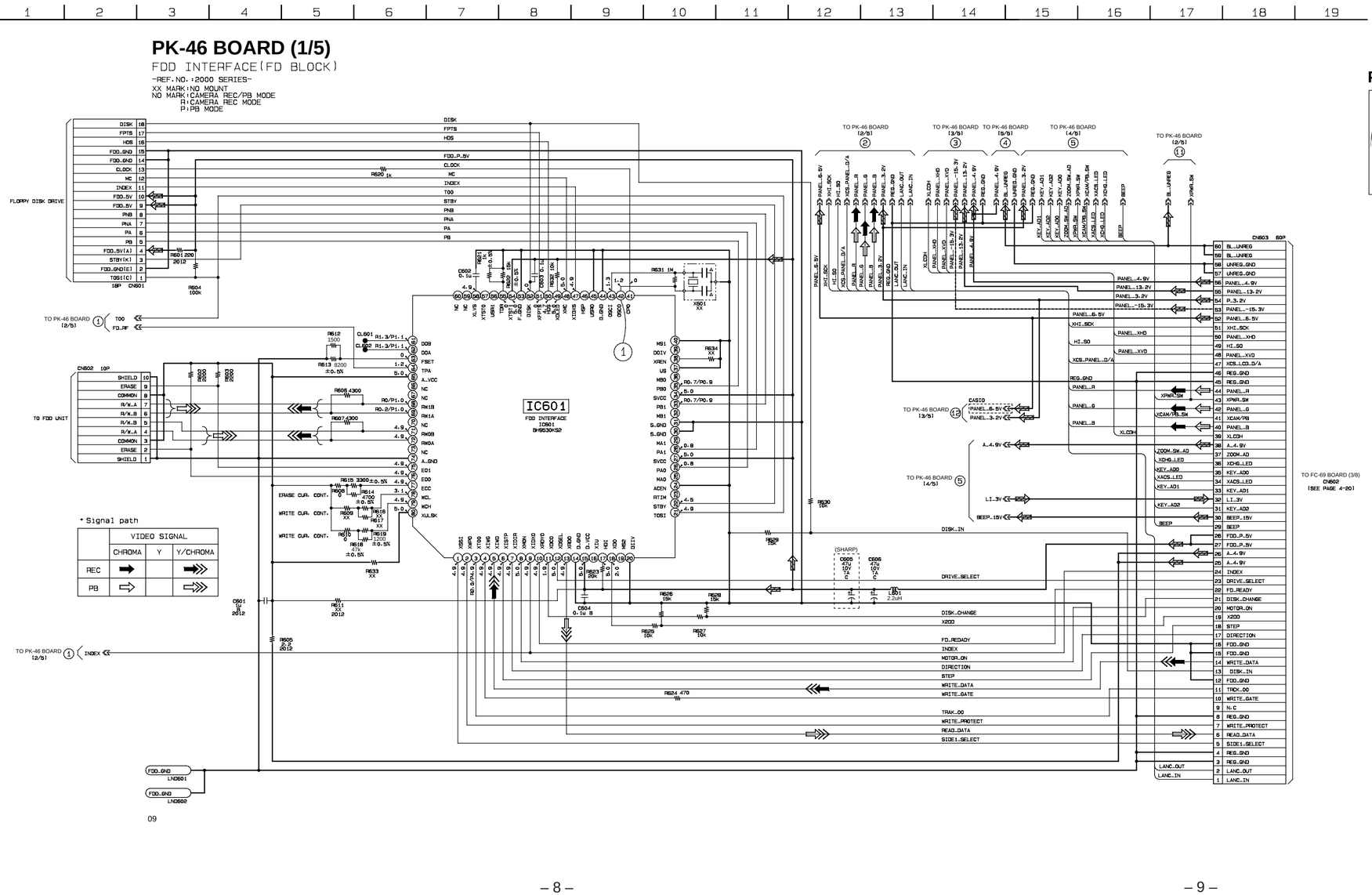
PK-46 BOARD (SIDE B)

C601	E-6	(C) L904	D-5	R820	F-5	(C) R970	E-3
C602	D-6			R821	F-6	(C) R971	E-3
C603	D-6	Q701	E-1	R822	F-5	(C) R972	E-3
C604	D-7	Q702	E-1	R823	E-5	R973	D-4
(S) C605	E-7	Q854	B-1	R824	F-6	R974	E-4
C606	F-7	Q855	D-1	R825	F-6	R975	E-4
C701	E-2	Q856	B-1	R826	E-6	R976	E-5
C702	E-1	Q857	D-1	R827	E-5	R977	E-2
C703	E-1	Q858	D-1	R828	F-5	R978	F-4
C801	E-6	Q859	D-1	R855	B-1	R979	F-4
C802	E-6	Q860	B-1	R856	B-1	R980	E-4
C803	E-6	Q862	D-1	R857	B-1	R981	E-4
C804	E-6	Q903	E-3	R860	D-1		
C805	E-6	Q904	E-3	R861	D-1	X601	C-7
C806	D-5	Q905	F-3	R862	C-1		
C807	F-5	Q906	E-3	R863	C-1		
C808	F-5			R864	D-1		
(S) C810	E-5	R601	E-7	R865	C-1		
C811	E-5	R602	E-7	R867	B-1		
C812	E-5	R603	E-7	R868	B-1		
C813	E-6	R604	E-7	R870	D-1		
C814	E-6	R605	E-6	R871	D-1		
(S) C815	E-5	R606	E-7	R872	D-1		
C816	F-5	R607	E-7	R873	D-2		
C817	F-6	R608	E-7	R874	D-2		
C853	B-1	R609	E-7	R875	A-1		
C856	B-1	R610	E-7	R876	A-1		
C859	B-1	R611	E-6	(C) R901	E-5		
C863	B-1	R612	E-6	R905	D-4		
C865	D-1	R613	E-6	(C) R906	E-4		
C867	D-1	R614	E-7	R907	D-4		
(C) C901	D-5	R615	E-7	R908	D-4		
C902	D-4	R616	E-7	R909	D-4		
C904	D-5	R617	E-7	R912	E-4		
C905	E-4	R618	E-7	R913	F-4		
C909	F-4	R619	E-7	R915	F-4		
C911	F-4	R620	D-6	R916	E-4		
C913	D-4	R621	D-6	R918	F-4		
(S) C916	E-3	R622	D-6	R920	D-4		
C918	E-2	R623	D-7	R921	E-4		
C919	D-3	R624	D-7	R922	E-4		
(C) C921	E-3	R625	D-7	R924	D-4		
C924	D-4	R626	D-7	R926	E-4		
C925	D-4	R627	D-7	(S) R927	E-3		
C927	E-4	R628	D-7	R929	E-4		
		R629	E-6	R930	E-4		
CN601	E-7	R630	E-6	(S) R931	E-3		
CN602	F-6	R631	C-6	R932	E-3		
CN851	D-2	R632	D-6	R933	F-3		
CN901	D-3	R633	E-7	R934	F-3		
		R634	C-7	R935	E-3		
D852	C-1	R702	E-2	(C) R936	E-3		
D853	D-2	R709	E-1	(C) R937	E-3		
D854	A-1	R710	E-1	R940	E-3		
D902	E-4	R713	E-1	(S) R945	E-3		
D905	D-5	R714	E-1	(S) R946	E-3		
		R715	E-1	(S) R947	E-3		
IC601	D-7	R801	D-5	(S) R948	E-3		
IC801	D-5	R802	D-5	(S) R949	E-3		
IC802	E-5	R803	D-5	(C) R950	E-3		
IC852	D-1	R804	E-5	(C) R951	E-3		
IC901	E-4	R805	E-6	(C) R952	E-3		
IC902	E-4	R806	E-5	(C) R953	E-3		
		R812	E-6	(C) R954	E-2		
L601	E-7	R813	E-5	(C) R955	E-2		
(S) L701	E-2	R814	E-5	(S) R956	E-2		
L801	F-5	R815	E-6	(C) R957	E-2		
L802	E-5	R817	F-5	(S) R958	D-3		
L901	D-5	R818	F-6	(C) R959	D-3		
L902	D-5	R819	F-6	(S) R961	E-2		
L903	D-5						

Note: (C) mark is CASIO made LCD panel model only.
(S) mark is SHARP made LCD panel model only.

PK-46 (FDD INTERFACE) SCHEMATIC DIAGRAM

• See page 3 for PK-46 BOARD printed wiring board.



PK-46 BOARD (2/5)

② IC802 ⑨ REC/PB
0.6Vp-p

③ IC802 ⑧ REC/PB
0.5Vp-p

④ IC802 ⑩ REC/PB
0.5Vp-p

⑤ IC802 ⑳ REC/PB
4Vp-p

⑥ IC802 ㉒ REC/PB
4.2Vp-p

⑦ IC802 ㉔ REC/PB
4.3Vp-p

⑧ IC802 ㉘ REC/PB
㉙
4.9Vp-p
40µsec

PK-46 (RGB DECODER) SCHEMATIC DIAGRAM • See page 3 for PK-46 BOARD printed wiring board.

PK-46 BOARD (2/5)

EVR DECODER(RGB BLOCK)

-REF.NO:2.000 SERIES-
XX MARK:NO MOUNT
NO MARK:CAMERA REC/PB MODE
R:CAMERA REC/MODE
P:PB MODE

IC801
EVR DRCODER

IC802
DECODER
IC802
IR3Y37A4

CPC
(FOR CHECK)

• SIGNAL PATH

	VIDEO SIGNAL		
	CHROMA	Y	Y/CHROMA
REC	➡		
PB	⇨		

PK-46 (LCD TIMING GENERATOR) SCHEMATIC DIAGRAM • **See page 3 for PK-46 BOARD printed wiring board.**

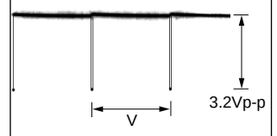
PK-46 BOARD (3/5)

LCD TIMING GENERATOR(TG BLOCK)

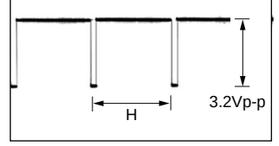
-REF.NO:2.000 SERIES-
XX MARK:NO MOUNT
NO MARK:CAMERA REC/PB MODE
R:CAMERA REC MODE
P:PB MODE

PK-46 BOARD (3/5)

⑨ IC901 ㉞ REC/PB



⑩ IC901 ㊲ REC/PB



IC901
LCD TIMING GENERATOR
IC901
LZ98H184:SHARP
CM7017L3-T4:CASIO

IC902
NJM062V(TE2)
AMP FRPC

IC903
TC74HC4066AFS-EL : SHARP
TC74HC4066AFT(EL) : CASIO
SWITCH

D903 1T369-01-TBA
D905 1T369-01-T8A

CN901 24P

1	VSH/CLD
2	VDD/SPD
3	VR/CTR
4	VB/EX3
5	VG/EX2
6	VSS/VB12
7	MODE1/RES
8	MCLK/TST
9	HCNT/VR
10	CLR/VG
11	OE/VB
12	SRTL/GND
13	SRTR/VSH
14	VBC/COM
15	VCOM/VGL
16	MODE2/VSS
17	RESET/MO2
18	GSRT/MO1
19	GPCK/EX1
20	GRES/SPS
21	VREFL/CLS
22	VGL/VCC
23	VREFH/VSH
24	VGH/VGH

LCD901 COLOR LCD MONITOR

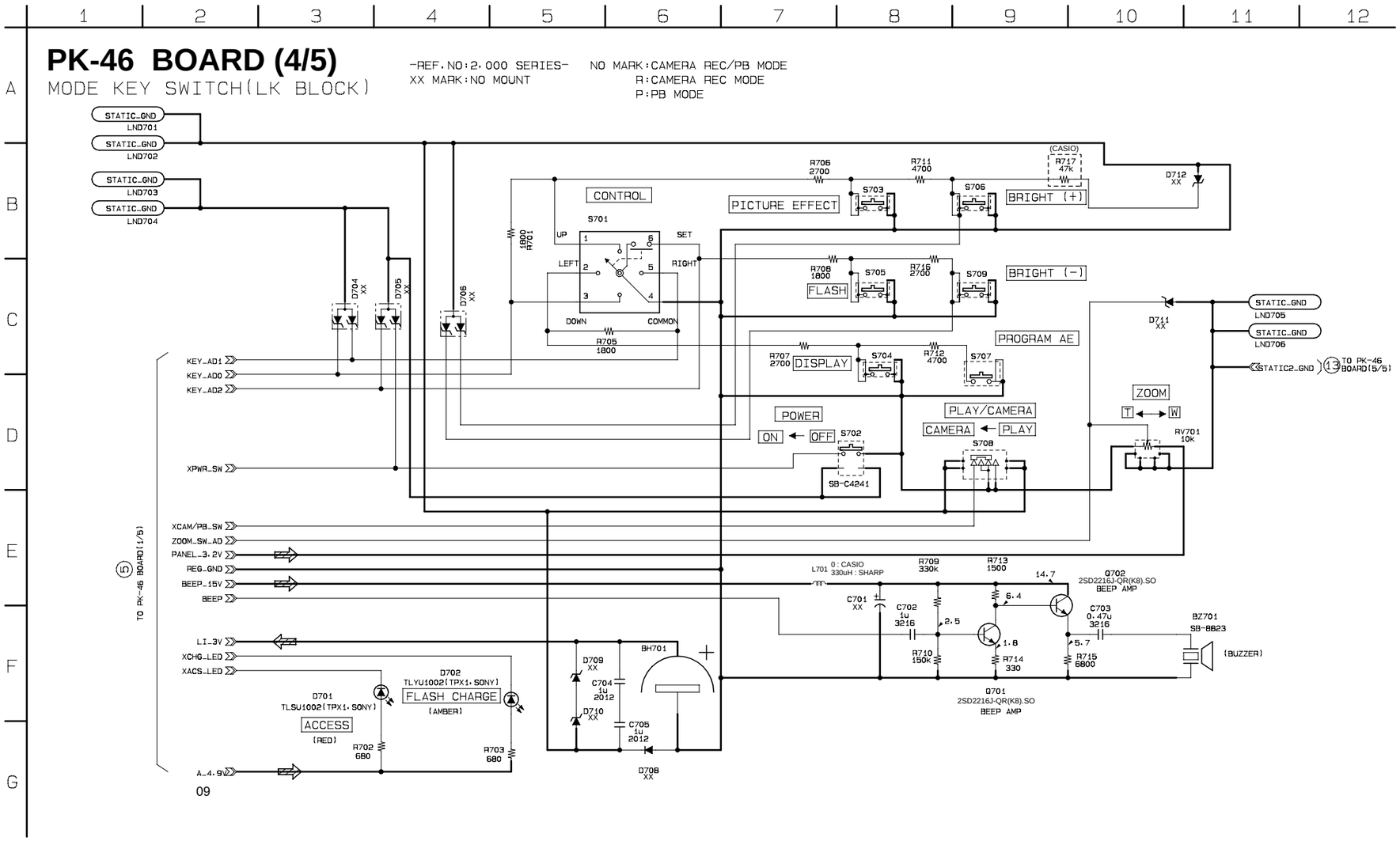
• Signal path

	VIDEO SIGNAL		
	CHROMA	Y	Y/CHROMA
REC	➡		
PB	⇨		

09

PK-46 (MODE KEY SWITCH) SCHEMATIC DIAGRAM

• See page 3 for PK-46 BOARD printed wiring board.



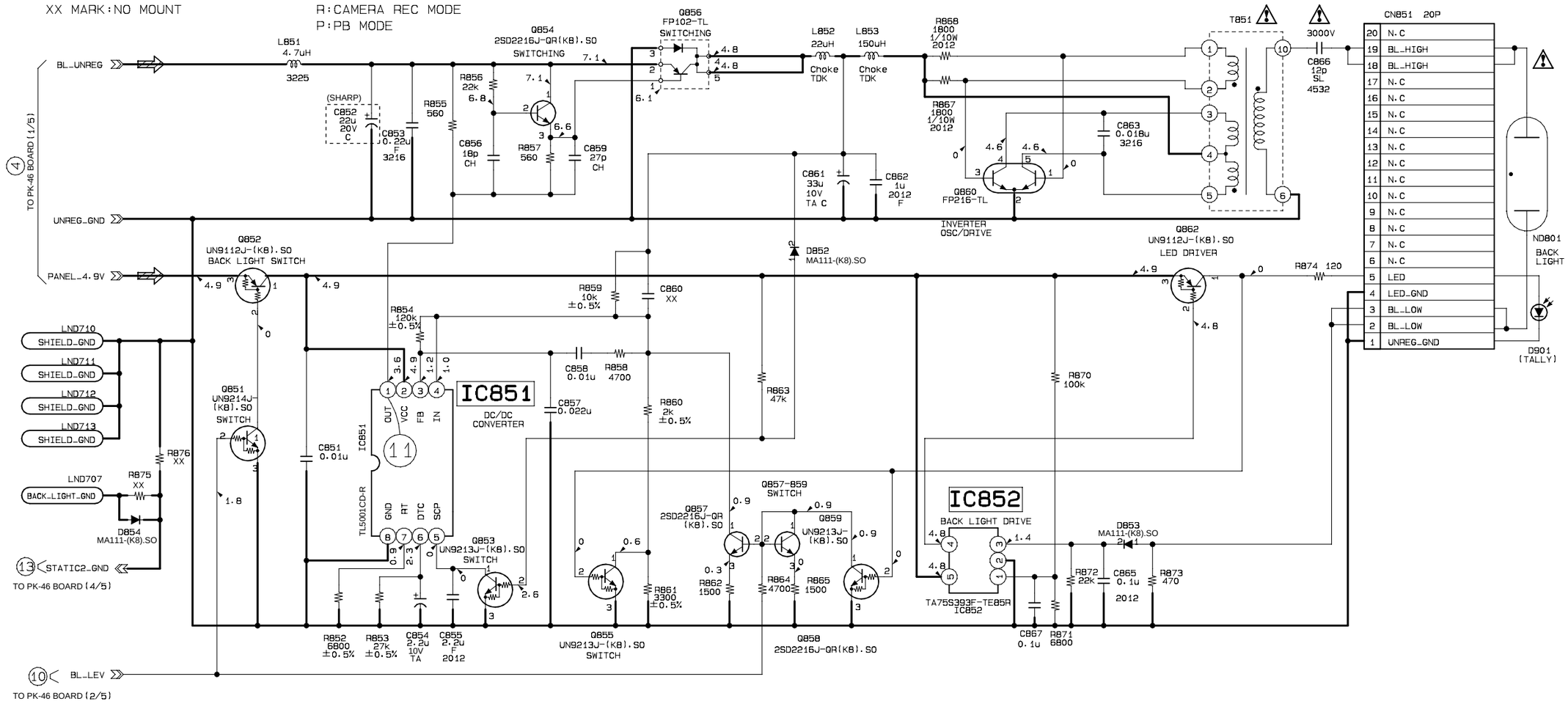
PK-46 (BACK LIGHT) SCHEMATIC DIAGRAM

- **See page 3 for PK-46 BOARD printed wiring board.**

PK-46 BOARD (5/5)

BACK LIGHT(BL BLOCK)

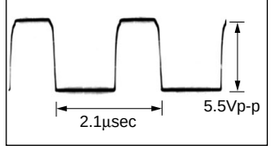
-REF.NO:2,000 SERIES- NO MARK:CAMERA REC/PB MODE
XX MARK:NO MOUNT R:CAMERA REC MODE
P:PB MODE



Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifies par une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

PK-46 BOARD (5/5)

⑪ IC851 ① REC/PB



SECTION 6
REPAIR PARTS LIST

6-1. EXPLODED VIEWS

6-1-2. CABINET (REAR) SECTION

Ref. No.	Part No.	Description	Remark
58	X-3949-575-2	CABINET (REAR) ASSY (Except Brazilian)	
58	X-3949-817-1	CABINET (REAR) ASSY (Brazilian)	
71	A-7094-351-A	PK-46 (CASIO) BOARD, COMPLETE (SERVICE)	
71	A-7094-529-A	PK-46 (SHARP) BOARD, COMPLETE (SERVICE)	
LCD901	1-803-036-21	INDICATOR MODULE, LIQUID CRYSTAL (SHARP)	
LCD901	1-803-184-21	INDICATOR MODULE, LIQUID CRYSTAL (CASIO)	

6-2. ELECTRICAL PARTS LIST

Note:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: µ , for example:
  uA...: µ A..., uPA...: µ PA..., uPB...: µ PB..., uPC...: µ PC..., uPD...: µ PD...
- CAPACITORS
  uF : µ F
- COILS
  uH : µ H
- Abbreviation
  CND : Canadian model
  HK : Hong Kong model
  AUS : Australian model
  JE : Tourist model

Ref. No.	Part No.	Description	Remark
	A-7094-351-A	PK-46(CASIO) BOARD, COMPLETE (SERVICE)	
		**********	
	A-7094-529-A	PK-46(SHARP) BOARD, COMPLETE (SERVICE)	
		**********	
		(Ref. No. 2,000 Series)	
		< BATTERY HOLDER >	
	BH701 1-550-104-32	HOLDER, BATTERY	
		< BUZZER >	
	BZ701 1-529-107-11	BUZZER, PIEZOELECTRIC	
		< CAPACITOR >	
	C601 1-109-982-11	CERAMIC CHIP 1uF 10% 10V	
	C602 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
	C603 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
	C604 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
(S)	C605 1-113-642-11	TANTAL. CHIP 47uF 20% 10V	
	C606 1-113-642-11	TANTAL. CHIP 47uF 20% 10V	
	C702 1-107-682-11	CERAMIC CHIP 1uF 10% 16V	
	C703 1-165-320-11	CERAMIC CHIP 0.47uF 10% 16V	
	C704 1-109-982-11	CERAMIC CHIP 1uF 10% 10V	
	C705 1-109-982-11	CERAMIC CHIP 1uF 10% 10V	
	C801 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
	C802 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
	C803 1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
	C804 1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
	C805 1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
	C806 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
	C807 1-110-569-11	TANTAL. CHIP 47uF 20% 6.3V	
	C808 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
(S)	C810 1-104-851-11	TANTAL. CHIP 10uF 20% 10V	
	C811 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
	C812 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
	C813 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
	C814 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
(S)	C815 1-104-851-11	TANTAL. CHIP 10uF 20% 10V	
	C851 1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
(S)	C852 1-113-981-11	TANTAL. CHIP 22uF 20% 20V	
	C853 1-163-081-00	CERAMIC CHIP 0.22uF 25V	
	C854 1-135-149-21	TANTALUM CHIP 2.2uF 20% 10V	
	C855 1-164-505-11	CERAMIC CHIP 2.2uF 16V	
	C856 1-162-918-11	CERAMIC CHIP 18PF 5% 50V	
	C857 1-164-227-11	CERAMIC CHIP 0.022uF 10% 25V	
	C858 1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
	C859 1-162-920-11	CERAMIC CHIP 27PF 5% 50V	
	C861 1-104-911-11	TANTAL. CHIP 33uF 20% 10V	
	C862 1-164-346-11	CERAMIC CHIP 1uF 16V	
	C863 1-164-661-11	CERAMIC CHIP 0.018uF 10% 50V	
	C865 1-107-725-11	CERAMIC CHIP 0.1uF 10% 16V	
⚠	C866 1-113-521-91	CERAMIC CHIP 12PF 10% 3KV	
	C867 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
(C)	C901 1-135-259-11	TANTAL. CHIP 10uF 20% 6.3V	
	C902 1-107-687-11	TANTAL. CHIP 3.3uF 20% 20V	
	C903 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
	C904 1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
(C)	C905 1-110-501-11	CERAMIC CHIP 0.33uF 10% 16V	
(S)	C905 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
	C906 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
	C907 1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
	C908 1-162-926-11	CERAMIC CHIP 82PF 5% 50V	
	C909 1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
	C911 1-164-739-11	CERAMIC CHIP 560PF 5% 50V	

Note: (C) mark is CASIO made LCD panel model only.
(S) mark is SHARP made LCD panel model only.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

PK-46

Ref. No.	Part No.	Description	Remark
C913	1-162-926-11	CERAMIC CHIP 82PF 5% 50V	
C915	1-107-682-11	CERAMIC CHIP 1uF 10% 16V	
(S) C916	1-113-994-11	TANTAL. CHIP 6.8uF 20% 16V	
(S) C917	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C918	1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
C919	1-107-689-21	TANTAL. CHIP 1uF 20% 35V	
C920	1-107-682-11	CERAMIC CHIP 1uF 10% 16V	
(C) C921	1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
C926	1-107-826-91	CERAMIC CHIP 0.1uF 10% 16V	
		< CONNECTOR >	
CN601	1-764-526-11	CONNECTOR, FFC/FPC 18P	
* CN602	1-750-075-11	CONNECTOR, FFC/FPC 10P	
CN603	1-778-598-21	CONNECTOR, BOARD TO BOARD 60P	
CN802	1-764-526-11	CONNECTOR, FFC/FPC 18P	
CN851	1-573-929-21	CONNECTOR, FFC/FPC (ZIF) 20P	
CN901	1-691-388-11	CONNECTOR, FFC/FPC (ZIF) 24P	
		< DIODE >	
D701	8-719-061-82	DIODE TLSU1002(TPX1,SONY)(ACCESS)	
D702	8-719-061-81	DIODE TLYU1002(TPX1,SONY) (FLASH CHARGE)	
D852	8-719-073-01	DIODE MA111-(K8).S0	
D853	8-719-073-01	DIODE MA111-(K8).S0	
D854	8-719-073-01	DIODE MA111-(K8).S0	
D903	8-713-102-80	DIODE 1T369-01-T8A	
D904	8-719-976-96	DIODE MA8047-H-TX	
		< IC >	
IC601	8-759-535-05	IC BH9530KS2	
IC801	8-759-530-19	IC MB40D001PFV-G-BND-ER	
IC802	8-759-539-27	IC IR3Y37A4	
IC851	8-759-521-35	IC TL5001CDR	
IC852	8-759-075-70	IC TA75S393F-TE85R	
(S) IC901	8-759-495-00	IC LZ9GH184	
(C) IC901	8-759-530-20	IC CM7017L3-T4	
IC902	8-759-327-01	IC NJM062V(TE2)	
(C) IC903	8-759-523-03	IC TC74HC4066AFT(EL)	
(S) IC903	8-759-066-58	IC TC74HC4066AFS-EL	
		< COIL >	
L601	1-414-394-11	INDUCTOR 2.2uH	
L701	1-216-296-91	SHORT 0	
(S) L701	1-412-067-21	INDUCTOR CHIP 330uH	
L801	1-414-402-11	INDUCTOR 47uH	
L802	1-414-078-11	INDUCTOR 10uH	
L851	1-414-396-21	INDUCTOR 4.7uH	
L852	1-424-674-11	INDUCTOR 22uH	
L853	1-409-536-41	INDUCTOR 150uH	
L901	1-414-754-11	INDUCTOR 10uH	
L902	1-414-754-11	INDUCTOR 10uH	
L903	1-412-951-11	INDUCTOR 10uH	
(C) L904	1-414-754-11	INDUCTOR 10uH	
L905	1-412-953-11	INDUCTOR 15uH	
		< TRANSISTOR >	
Q701	8-729-037-52	TRANSISTOR 2SD2216J-QR(K8).SO	
Q702	8-729-037-52	TRANSISTOR 2SD2216J-QR(K8).SO	
Q851	8-729-042-72	TRANSISTOR UN9214J-(K8).SO	
Q852	8-729-042-59	TRANSISTOR UN9112J-(K8).SO	
Q853	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
Q854	8-729-037-52	TRANSISTOR 2SD2216J-QR(K8).SO	
Q855	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
Q856	8-729-823-84	TRANSISTOR FP102-TL	
Q857	8-729-037-52	TRANSISTOR 2SD2216J-QR(K8).SO	
Q858	8-729-037-52	TRANSISTOR 2SD2216J-QR(K8).SO	
Q859	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
Q860	8-729-039-43	TRANSISTOR FP216-TL	
Q862	8-729-042-59	TRANSISTOR UN9112J-(K8).SO	
Q903	8-729-230-63	TRANSISTOR 2SD1819A-QRS-TX	
Q904	8-729-420-24	TRANSISTOR 2SB1218A-QRS-TX	
Q905	8-729-230-63	TRANSISTOR 2SD1819A-QRS-TX	
Q906	8-729-420-24	TRANSISTOR 2SB1218A-QRS-TX	
		< RESISTOR >	
R601	1-216-033-00	METAL CHIP 220 5% 1/10W	
R602	1-216-825-11	METAL CHIP 2.2K 5% 1/16W	
R603	1-216-825-11	METAL CHIP 2.2K 5% 1/16W	
R604	1-216-845-11	METAL CHIP 100K 5% 1/16W	
R605	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R606	1-218-707-11	RES,CHIP 4.3K 5% 1/16W	
R607	1-218-707-11	RES,CHIP 4.3K 5% 1/16W	
R608	1-216-864-11	METAL CHIP 0 5% 1/16W	
R610	1-216-864-11	METAL CHIP 0 5% 1/16W	
R612	1-218-851-11	RES,CHIP 1.5K 0.50% 1/16W	
R613	1-218-869-11	RES,CHIP 8.2K 0.50% 1/16W	
R614	1-218-863-11	RES,CHIP 4.7K 0.50% 1/16W	
R615	1-218-859-11	RES,CHIP 3.3K 0.50% 1/16W	
R618	1-218-887-11	RES,CHIP 47K 0.50% 1/16W	
R619	1-218-849-11	RES,CHIP 1.2K 0.50% 1/16W	
R620	1-216-821-11	METAL CHIP 1K 5% 1/16W	
R621	1-218-847-11	RES,CHIP 1K 0.50% 1/16W	
R622	1-218-875-11	RES,CHIP 15K 0.50% 1/16W	
R623	1-218-292-11	RES,CHIP 20K 5% 1/16W	
R624	1-216-817-11	METAL CHIP 470 5% 1/16W	
R625	1-216-833-91	RES,CHIP 10K 5% 1/16W	
R626	1-216-835-11	METAL CHIP 15K 5% 1/16W	
R627	1-216-833-91	RES,CHIP 10K 5% 1/16W	
R628	1-216-835-11	METAL CHIP 15K 5% 1/16W	
R629	1-216-835-11	METAL CHIP 15K 5% 1/16W	
R630	1-216-833-91	RES,CHIP 10K 5% 1/16W	
R631	1-216-857-11	METAL CHIP 1M 5% 1/16W	
R632	1-216-833-91	RES,CHIP 10K 5% 1/16W	
R701	1-216-824-11	METAL CHIP 1.8K 5% 1/16W	
R702	1-216-819-11	METAL CHIP 680 5% 1/16W	
R703	1-216-819-11	METAL CHIP 680 5% 1/16W	
R705	1-216-824-11	METAL CHIP 1.8K 5% 1/16W	
R706	1-216-826-11	METAL CHIP 2.7K 5% 1/16W	
R707	1-216-826-11	METAL CHIP 2.7K 5% 1/16W	
R708	1-216-824-11	METAL CHIP 1.8K 5% 1/16W	
R709	1-216-851-11	METAL CHIP 330K 5% 1/16W	
R710	1-216-847-11	METAL CHIP 150K 5% 1/16W	
R711	1-216-829-11	METAL CHIP 4.7K 5% 1/16W	
R712	1-216-829-11	METAL CHIP 4.7K 5% 1/16W	
R713	1-216-823-11	METAL CHIP 1.5K 5% 1/16W	
R714	1-216-815-11	METAL CHIP 330 5% 1/16W	
R715	1-216-826-11	METAL CHIP 2.7K 5% 1/16W	
R716	1-216-826-11	METAL CHIP 2.7K 5% 1/16W	
(C) R717	1-216-841-11	METAL CHIP 47K 5% 1/16W	
R801	1-216-864-11	METAL CHIP 0 5% 1/16W	

Note: (C) mark is CASIO made LCD panel model only.
(S) mark is SHARP made LCD panel model only.

Ref. No.	Part No.	Description			Remark
R804	1-216-837-11	METAL CHIP	22K	5%	1/16W
R805	1-216-834-11	METAL CHIP	12K	5%	1/16W
R806	1-216-841-11	METAL CHIP	47K	5%	1/16W
R812	1-216-845-11	METAL CHIP	100K	5%	1/16W
R813	1-216-805-11	METAL CHIP	47	5%	1/16W
R814	1-216-805-11	METAL CHIP	47	5%	1/16W
R815	1-216-805-11	METAL CHIP	47	5%	1/16W
(C) R816	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R816	1-216-833-91	RES,CHIP	10K	5%	1/16W
(C) R822	1-216-843-11	METAL CHIP	68K	5%	1/16W
(S) R822	1-216-840-11	METAL CHIP	39K	5%	1/16W
R823	1-216-834-11	METAL CHIP	12K	5%	1/16W
R826	1-216-864-11	METAL CHIP	0	5%	1/16W
R827	1-216-835-11	METAL CHIP	15K	5%	1/16W
R828	1-216-839-11	METAL CHIP	33K	5%	1/16W
R852	1-218-867-11	RES,CHIP	6.8K	0.50%	1/16W
R853	1-218-881-11	RES,CHIP	27K	0.50%	1/16W
R854	1-218-897-11	RES,CHIP	120K	0.50%	1/16W
R855	1-216-818-11	METAL CHIP	560	5%	1/16W
R856	1-216-837-11	METAL CHIP	22K	5%	1/16W
R857	1-216-818-11	METAL CHIP	560	5%	1/16W
R858	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R859	1-218-871-11	RES,CHIP	10K	0.50%	1/16W
R860	1-218-854-11	RES,CHIP	2K	0.50%	1/16W
R861	1-218-859-11	RES,CHIP	3.3K	0.50%	1/16W
R862	1-216-823-11	METAL CHIP	1.5K	5%	1/16W
R863	1-216-841-11	METAL CHIP	47K	5%	1/16W
R864	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R865	1-216-823-11	METAL CHIP	1.5K	5%	1/16W
R867	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R868	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R870	1-216-845-11	METAL CHIP	100K	5%	1/16W
R871	1-216-831-11	METAL CHIP	6.8K	5%	1/16W
R872	1-216-837-11	METAL CHIP	22K	5%	1/16W
R873	1-216-817-11	METAL CHIP	470	5%	1/16W
R874	1-216-810-11	METAL CHIP	120	5%	1/16W
(C) R901	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R902	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R903	1-216-864-11	METAL CHIP	0	5%	1/16W
R905	1-216-855-11	METAL CHIP	680K	5%	1/16W
(C) R906	1-216-864-11	METAL CHIP	0	5%	1/16W
R908	1-216-846-11	METAL CHIP	120K	5%	1/16W
(C) R912	1-216-842-11	METAL CHIP	56K	5%	1/16W
(S) R912	1-216-845-11	METAL CHIP	100K	5%	1/16W
R913	1-216-833-91	RES,CHIP	10K	5%	1/16W
(S) R914	1-216-857-11	METAL CHIP	1M	5%	1/16W
R915	1-216-857-11	METAL CHIP	1M	5%	1/16W
R916	1-216-837-11	METAL CHIP	22K	5%	1/16W
R918	1-216-843-11	METAL CHIP	68K	5%	1/16W
(C) R920	1-218-897-11	RES,CHIP	120K	0.50%	1/16W
(S) R920	1-218-901-11	RES,CHIP	180K	0.50%	1/16W
R921	1-216-843-11	METAL CHIP	68K	5%	1/16W
R922	1-216-841-11	METAL CHIP	47K	5%	1/16W
(C) R924	1-218-897-11	RES,CHIP	120K	0.50%	1/16W
(S) R924	1-218-901-11	RES,CHIP	180K	0.50%	1/16W
R926	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
(S) R927	1-216-864-11	METAL CHIP	0	5%	1/16W
R929	1-216-845-11	METAL CHIP	100K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R930	1-216-839-11	METAL CHIP	33K	5%	1/16W
(S) R931	1-216-864-11	METAL CHIP	0	5%	1/16W
R932	1-216-845-11	METAL CHIP	100K	5%	1/16W
R933	1-216-845-11	METAL CHIP	100K	5%	1/16W
R934	1-216-864-11	METAL CHIP	0	5%	1/16W
R935	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R936	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R937	1-216-864-11	METAL CHIP	0	5%	1/16W
R938	1-216-845-11	METAL CHIP	100K	5%	1/16W
R939	1-216-839-11	METAL CHIP	33K	5%	1/16W
R940	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R941	1-218-883-11	RES,CHIP	33K	0.50%	1/16W
(C) R942	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R942	1-218-879-11	RES,CHIP	22K	0.50%	1/16W
(S) R943	1-218-883-11	RES,CHIP	33K	0.50%	1/16W
(S) R944	1-218-879-11	RES,CHIP	22K	0.50%	1/16W
(S) R945	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R946	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R947	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R948	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R949	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R950	1-216-864-11	METAL CHIP	0	5%	1/16W
R951	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R952	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R953	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R954	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R955	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R956	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R957	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R958	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R959	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R960	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R961	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R962	1-216-836-11	METAL CHIP	18K	5%	1/16W
(C) R963	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R964	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R965	1-216-864-11	METAL CHIP	0	5%	1/16W
(C) R966	1-216-864-11	METAL CHIP	0	5%	1/16W
(S) R967	1-216-805-11	METAL CHIP	47	5%	1/16W
(S) R968	1-216-805-11	METAL CHIP	47	5%	1/16W
(S) R969	1-216-805-11	METAL CHIP	47	5%	1/16W
(C) R970	1-216-805-11	METAL CHIP	47	5%	1/16W
(C) R971	1-216-805-11	METAL CHIP	47	5%	1/16W
(C) R972	1-216-805-11	METAL CHIP	47	5%	1/16W
R974	1-216-864-11	METAL CHIP	0	5%	1/16W
R975	1-216-864-11	METAL CHIP	0	5%	1/16W
R978	1-216-841-11	METAL CHIP	47K	5%	1/16W
R979	1-216-841-11	METAL CHIP	47K	5%	1/16W
R980	1-216-864-11	METAL CHIP	0	5%	1/16W
R981	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
		< VARIABLE RESISTOR >			
RV701	1-225-224-11	RES, VAR 10K (ZOOM)			
		< SWITCH >			
S701	1-771-128-11	SWITCH, TACTILE (CONTROL)			
S702	1-572-467-21	SWITCH, PUSH (1 KEY)(POWER)			

Note: (C) mark is CASIO made LCD panel model only.
(S) mark is SHARP made LCD panel model only.

Ref. No.	Part No.	Description	Remark
S703	1-771-106-11	SWITCH, TACTILE (PICTURE EFFECT)	
S704	1-771-106-11	SWITCH, TACTILE (DISPLAY)	
S705	1-771-106-11	SWITCH, TACTILE (FLASH)	
S706	1-771-106-11	SWITCH, TACTILE (BRIGHT +)	
S707	1-771-106-11	SWITCH, TACTILE (PROGRAM AE)	
S708	1-762-741-11	SWITCH, SLIDE (PLAY/CAMERA)	
S709	1-771-106-11	SWITCH, TACTILE (BRIGHT -)	
		< TRANSFORMER >	
T851	1-431-861-21	TRANSFORMER, INVERTER (US,CND,AEP,HK)	

****

MISCELLANEOUS
****

LCD901	1-803-036-21	INDICATOR MODULE, LIQUID CRYSTAL (SHARP)	
LCD901	1-803-184-21	INDICATOR MODULE, LIQUID CRYSTAL (CASIO)	

****

ACCESSORIES & PACKING MATERIALS
****

*	3-055-748-01	BUNDLE SOFT (PS) (AEP,UK)	

Ref. No.	Part No.	Description	Remark